Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2018-03-16-13** **Date: 19/03/2018**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC roads and drains at difence colony in Bagalagunte ward No.14.

Agency : Sri. BT Hanumantharaju, H No.1334, Anjanadri.7th Main , 11th Cross, WOC Road, 2nd Stage Mahalakshmipuram, Bangalore-560088

Customer's Reference : EE/DD/WO/256/17-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 16-03-18

Sample ID No : 2018-03-16-13 /01

Customer ID : Cement Concrete Pavement

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M40 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/03/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M40	12/03/2018	19/03/2018	149.66 X 151.22 X 151.70	22632	8.204	742.3	32.8	33.4
2	Cement Concrete Pavement	M40	12/03/2018	19/03/2018	150.38 X 150.62 X 150.88	22650	8.198	756.5	33.4	
3	Cement Concrete Pavement	M40	12/03/2018	19/03/2018	150.23 X 151.46 X 151.05	22754	8.163	771.4	33.9	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2018-03-16-13** **Date: 09/04/2018**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at difence colony in Bagalagunte ward No.14.
Agency	:	Sri. BT Hanumantharaju, H No.1334, Anjanadri.7th Main , 11th Cross, WOC Road, 2nd Stage Mahalakshmipuram, Bangalore-560088
Customer's Reference	:	EE/DD/WO/256/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	16-03-18
Sample ID No	:	2018-03-16-13 /02
Customer ID	:	Cement Concrete Pavement
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M40 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/04/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Cement Concrete Pavement	M40	12/03/2018	09/04/2018	149.63 X 150.44 X 150.72	22510	8.214	943.2	41.9	42.4
2	Cement Concrete Pavement	M40	12/03/2018	09/04/2018	151.25 X 149.68 X 151.38	22639	8.198	969.0	42.8	
3	Cement Concrete Pavement	M40	12/03/2018	09/04/2018	150.22 X 151.63 X 151.42	22778	8.163	968.1	42.5	

Note:
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಟಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬೆಂಗಳೂರು

****End of Report****

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TEST REPORT OF FINE AGGREGATE

Lab ID	:	**CP-2018-03-05-01** **Date: 08-03-18**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC roads and drains at difence colony in Bagalagunte ward No.14.
Agency	:	Sri. BT Hanumantharaju, H No.1334, Anjanadri.7th Main , 11th Cross, WOC Road, 2nd Stage Mahalakshmipuram, Bangalore-560088
Customer's Reference	:	EE/DD/WO/256/17-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	05-03-18
Sample ID No	:	2018-03-05-01 /03
Sample Type	:	Fine Aggregate.
Reference to BIS codes	:	IS 383 : 2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1, 3) RA2012 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption
Date of test	:	05-03-18
Total weight taken	:	1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	18	18	1.8	98.2	90-100	90-100	90-100	95-100
3	2.36 mm	185	203	20.3	79.7	60-95	75-100	85-100	95-100
4	1.18 mm	228	431	43.1	56.9	30-70	55-90	75-100	90-100
5	600 micron	187	618	61.8	38.2	15-34	35-59	60-79	80-100.
6	300 micron	199	817	81.7	18.3	5-20	8-30	12-40	15-50
7	150 micron	132	949	94.9	5.1	0-10	0-10	0-10	0-15
8	Pan	51	1000	100.0	0.0	---	---	---	---

Result :The tested Sample Conforms to Grading Zone II

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